



PTO/SB/08a (08-03)

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

of

2

Complete if Known

Application Number	10/826,910
Filing Date	04/19/2004
First Named Inventor	SHUJI ABE
Art Unit	2861 3729
Examiner Name	UNKNOWN C.J. Arbes
Attorney Docket Number	008312-0309287

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
CA	1	US- 4,677,037	06/30/1987	Takabayashi	
CA	2	US- 4,962,462	10/9/1990	Fekete, deceased	
CA	3	US- 4,968,566	11/6/1990	Lersch et al.	
CA	4	US- 5,780,980	07/14/1998	Naito	
CA	5	US- 5,916,699	06/29/1999	Thomas et al.	
CA	6	US- 5,964,309	10/12/1999	Kimura et al.	
CA	7	US- 6,326,097 B1	12/4/2001	Hockaday	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
CA	1	GB 1,131,171	10/23/1968	Hovious		
CA	2	GB 1 304 092	01/24/1973	Bosch		X
CA	3	EP 1 091 437 A1	04/11/2001	Iwase		X
CA	4	EP 1 233 468 A2	08/21/2002	Grieve et al.		X
CA	5	JP 2002-63920 A	02/28/2002	Yoshida et al.	Abstract	

Examiner
Signature

C.J. Arbes

Date
Considered

7/20/07

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Sheet	2
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Attorney Docket Number

008312-0309287

Complete if Known

Application Number	10/826.910
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Filing Date	04/19/2004
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First Named Inventor	SHUJI ABE
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Art Unit	2681	3729
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Examiner Name	UNIDENTIFIED C. J. Arbes
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Attorney Docket Number	008312-0309287
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U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ^o
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
da	6	JP	2002-198077	A	07/2002	Sano	Abstract	
da	7	WO	98/56058		12/10/1998	Hauer	Abstract	
gm	8	WO	01/79012	A2	10/25/2001	Harris et al.		X
gm	9	WO	2004/031929	A1	04/15/2004	Ozeki		X
da	10	WO	2004/032269	A2	04/15/2004	Ozeki		X

**Examiner
Signature**

C. & Barker

Date Considered

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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	UNKNOWN 10/826910
		Filing Date	04/19/2004
		First Named Inventor	SHUJI ABE
		Art Unit	UNKNOWN 3729
		Examiner Name	UNKNOWN C.J. Aube
Sheet 1 of 1	Attorney Docket Number	008312-0309287	

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
CJA	1	US- 5,970,055	10/19/1999	PARK et al.	~~~~~
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		Country Code ³	Number ⁴ Kind Code ⁵ (if known)			
CJA	1	JP	11-103427	04/13/1999	MATSUURA	Abstract
CJA	2	JP	3-224295	10/03/1991	TAKIZAWA	Abstract
CJA	3	JP	2002-16524	01/18/2002	KUDO et al.	Abstract

Examiner Signature	C.J. Aube	Date Considered	7/26/06
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Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

Application Number	10/826,910
Filing Date	04/19/2004
First Named Inventor	SHUJI ABE
Art Unit	2881 3729
Examiner Name	UNKNOWN C. J. Arbes
Attorney Docket Number	008312-0309287

Sheet 1 of 1

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
gja	1	JAESUNG HAN ET AL., "Direct methanol fuel-cell combined with a small back-up battery," Journal of Power Sources 112, Elsevier Science B.V., p. 477-483, (August 3, 2002).	X

Examiner Signature	C. J. Arbes	Date Considered	7/20/06
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Atty. Dkt. No.	M#	Client Ref.
	0309287	T4KN-03S1772-1

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Applicant: Shuji ABE, et al.	
Appln. No.: 10/826,910	
Filing Date: April 19, 2004	3728
Examiner: UNKNOWN	Group Art Unit: UNKNOWN

Date: May 20, 2004 Page 1 of 1

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
MA	AR 2002/0056134 A1	05/2002	ABE et al.			
	BR					
	CR					
	DR					
	ER					
	FR					
	GR					
	HR					
	IR					
	JR					
	KR					
	LR					
	MR					
	NR					

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	Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available	
					Enclosed	No	Enclose	No
cf	OR 8-32267	02/1996	Japan	INOUE	X			X
99	PR 10-75082	03/1998	Japan	MANIWA et al.	X			X
cf	QR 11-103427	04/1999	Japan	MATSUURA	X			X
	RR							
	SR							
	TR							
	UR							
	VR							
	WR							
	XR							

OTHER (Including in this order: Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

YR	
ZR	
AAR	
BBR	
CCR	
DDR	

Examiner *cg. Huber* Date Considered: 7/20/06

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Atty. Dkt. No.	M#	Client Ref.
	0309287	T4KN-03S1772-1

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Applicant: Shuji ABE, et al.

Appln. No.: 10/826,910

Filing Date: April 19, 2004

Date: March 14, 2005

Page 1 of 1

Examiner: UNKNOWN Group Art Unit: 2601 3729

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
qj	AR 2001/0010720 A1	08/2001	Kimball et al.			
qj	BR 2004/0248436 A1	12/2004	Abe et al.			
qj	CR 2005/0003685 A1	01/2005	Abe et al.			
	DR					
	ER					
	FR					
	GR					
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FOREIGN PATENT DOCUMENTS

ORIGINAL PATENT DOCUMENT						Abstract .	Readily Available		
		Document Number	Date MM/YYYY	Country	Inventor Name		Enclosed	No	Enclose
	OR								
	PR								
	QR								
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	XR								

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

YR	
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AAR	
BBR	
CCR	
DDR	

Examiner C. J. Abe

Date Considered: 7/29/06

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